

## ABSTRACT

A method is disclosed for requesting genomics services from a service provider over the Internet and providing genomics services to a client over the Internet. The client provides biological samples and identifies genome sequences of interest. The service provider obtains the biological samples and genome sequences, provides microarrays containing the identified genome sequences, and applies the biological samples to the microarrays. The client receives the results of the analysis over the Internet. The genomics services provided include genotyping, gene expression, and proteomics. The Client is able over the Internet to obtain the current status of the samples and the experiments and to modify the requested experiments based, for example, on the analysis of previously obtained results.